

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20050104477"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/12 15:42
L2	0	micro\$actuator same plurality same adhesive same vacuum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/12 15:44
L3	3641	micro\$actuator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/12 17:08
L4	2295	plurality adj adhesive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/12 15:44
L5	29306	base adj electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/12 15:45
L6	1313192	vacuum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/12 15:45
L7	0	3 and 4 and 5 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/12 16:00
L8	2	3 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/12 16:00
L9	3	("6335849"   "6396667"   "6700727"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 16:00

## EAST Search History

L10	23	("4734803"   "5021906"   "5062017"   "5128822"   "5196973"   "5200868"   "5212608"   "5287235"   "5343343"   "5396386"   "5396387"   "5473485"   "5488524"   "5490026"   "5515219"   "5625513"   "5636088"   "5986850"   "6130807"   "6246552"   "6292332"   "6466409"   "6477013").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 16:06
L11	1	"6653761".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 16:11
L12	6	("3545283"   "4240002"   "4680595"   "4761582"   "6327120").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 16:11
L13	1	"6848154".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 16:12
L14	12	("3545283"   "4240002"   "4680595"   "4761582"   "5311219"   "5376856"   "5408376"   "5444324"   "5594475"   "5631680"   "6327120").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 16:22
L15	11	slider same actuator same adhesive same vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 16:29
L16	2225	29/25.35.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 16:29
L17	0	16 and 15	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 16:30
L18	521	29/594.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 16:30
L19	0	15 and 18	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 16:31
L20	2440	310/328.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 16:31
L21	0	20 and 15	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 16:32
L22	0	320/333.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 16:32
L23	0	310/294.4.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 16:32

## EAST Search History

L24	1386	156/291.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 16:32
L25	0	24 and 15	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 16:43
L26	2	"6700727".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/12 16:44
L27	23	("4734803"   "5021906"   "5062017"   "5128822"   "5196973"   "5200868"   "5212608"   "5287235"   "5343343"   "5396386"   "5396387"   "5473485"   "5488524"   "5490026"   "5515219"   "5625513"   "5636088"   "5986850"   "6130807"   "6246552"   "6292332"   "6466409"   "6477013").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 16:46
L28	2	"3545283".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 16:46
L29	10	("3545283").URPN.	USPAT	OR	OFF	2007/07/12 16:48
L30	0	slider same actuator same adhesive same electrode	USPAT	OR	OFF	2007/07/12 16:49
L31	7	slider same actuator same adhesive same electrode	USPAT	OR	OFF	2007/07/12 16:49
L32	18	("4317149"   "4761699"   "5021907"   "5079659"   "5142425"   "5657186"   "5870258"   "5896248"   "5901014"   "5943190"   "5959808"   "6046884"   "6078473"   "6160688"   "6262868"   "6295185"   "6349017"   "6351353"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 16:50
L33	15	("4520555"   "4761699"   "4789914"   "5657186"   "5781379"   "5856896"   "5875071"   "5880908"   "5883759"   "5896247"   "5896248"   "5914834"   "5982585"   "6078473"   "6122149"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 17:01
L34	284	slider same actuator same adhesive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/12 17:09

## EAST Search History

L35	543	semi\$cure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/12 17:09
L36	1313192	vacuum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/12 17:09
L37	0	34 and 35 and 36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/12 17:09
L38	0	34 and 35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/12 17:10
L39	24	34 and 36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/12 17:10
L40	8	("20020141117"   "20020154450"   "5193080"   "5233260"   "6201668"   "6301080"   "6467141"   "6487053").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 17:45
L41	1	"20060156539"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 17:57
L42	11	"6154954"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 17:46
L43	8	("4868973"   "5033185"   "5153983"   "5233745"   "5265330"   "5402564"   "5544411"   "5566447").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 17:49
L44	0	component same mounting same substrate same elongated same transport same perpendicular	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 17:59
L45	38	component same mounting same transport same perpendicular	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 17:59
L46	14	("5020964"   "5233745"   "5379514"   "5491888"   "5495661"   "5711065"   "5729892"   "5743005"   "5761798"   "5809639"   "5839187"   "5850683"   "5860208"   "5894657").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 18:01

## EAST Search History

L47	9	("4480780"   "4706379"   "4794689"   "4881319"   "4905370"   "5031309"   "5035047"   "5040291"   "5088187").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 18:06
L48	2	("4644642"   "4675993").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 18:17
L49	11	("5035047").URPN.	USPAT	OR	OFF	2007/07/12 18:17
L50	4	("5035047"   "5855059"   "5979045"   "6606790").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 18:20
L51	1150	29/740.ccis.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 18:20
L52	32102	51 and transport adn perpendicular and feeder	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 18:21
L53	23	51 and transport and perpendicular and feeder	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/12 18:21
L54	22	("5724722").URPN.	USPAT	OR	OFF	2007/07/12 18:24